

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-13 (canceled)

Claim 14 (new): A decoding method for a signal having been encoded under use of a channel coding per transmission frame (314) having a plurality of compressed frame data (310, 311, 312, 313), including:

a) bits of said compressed frame data (310, 311, 312, 313) grouped into classes (320, 321, 322) according to the degree degradation in decoding quality in the presence of transmission errors;

b) the plural classes (320, 321, 322) having been subjected to different channel coding processes under use of different error protection codes,

the decoding method comprising the steps of:

performing different decoding for transmission frames in each of the plural classes (320, 321, 322) grouped in descending order of error protection,

cancelling the grouping to restore the original information (310, 311, 312, 313),

in each of audio compressed frame data (314) compressed by way of a sub-band ADPCM mode,

halting the process of the application of a scale factor during ADPCM decoding per sub-band in the presence of an unrecoverable transmission error in said audio compressed frame data.

Claim 15 (new): Use of the decoding method of claim 14 on a coded signal wherein the bits of said compressed frame data (314) are grouped into at least three classes (320, 321, 322) involving first class (320), second class (321) of which the degree of degradation of the decoding quality is smaller than that of the first class and third class (322) of which the degree of degradation of the decoding quality is smaller than that of the second class (321), and

wherein first process "convolution coding and addition of CRC check codes" is performed for bits classified as the first class (320), second process "convolution coding only" is performed for bits classified as the second class (321), and third process "no coding" is performed for bits classified as the third class (322).

Claim 16 (new): A radio transmission/reception apparatus comprising means for executing the decoding method according to claim 14 or claim 15.